

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING

ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/608,804A
Source: 1FW/6
Date Processed by STIC: 8/9/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>**), **EFS Submission User Manual - ePAVE)**
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	SERIAL NUMBER: <u>10/608,804A</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 _____ Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 _____ Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 _____ Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters , instead.	
4 _____ Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 _____ Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 _____ PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 _____ Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 _____ Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional , please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 _____ Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa , and which residue n or Xaa represents.	
10 _____ Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence. (see item 11 below)	
11 _____ Use of <220>	Sequence(s) <u>65-66</u> missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules	
12 _____ PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 _____ Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid	



IFW16

RAW SEQUENCE LISTING

DATE: 08/09/2006

PATENT APPLICATION: US/10/608,804A

TIME: 09:43:18

Input Set : A:\Sequence Listing (2) 03500.015716.1.txt

Output Set: N:\CRF4\08092006\J608804A.raw

2 <110> APPLICANT: Yamamoto, Nobuko
 3 Okamoto, Tadashi
 4 Shimizu, Satoshi
 5 Suzuki, Tomohiro
 W--> 6 <120> TITLE OF INVENTION: Method for Examining Reactivity and Method for Detecting a
 Complex
 W--> 7 <130> FILE REFERENCE: 03500.015716.1
 W--> 8 <140> CURRENT APPLICATION NUMBER: 10/608,804A
 9 <141> CURRENT FILING DATE: 2003-06-30
 10 <150> PRIOR APPLICATION NUMBER: US/09/942,662
 11 <151> PRIOR FILING DATE: 2001-08-31
 12 <150> PRIOR APPLICATION NUMBER: JP 2000-263395
 13 <151> PRIOR FILING DATE: 2000-08-31
 14 <150> PRIOR APPLICATION NUMBER: JP 2000-263505
 15 <151> PRIOR FILING DATE: 2000-08-31
 W--> 16 <160> NUMBER OF SEQ ID: 67
 W--> 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 18
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Artificial sequence
 W--> 21 <220> FEATURE:
 22 <223> OTHER INFORMATION: Sample oligonucleotide
 W--> 23 <400> SEQUENCE: 1
 24 gatgggactc aagttcat 18
 25 <210> SEQ ID NO: 2
 26 <211> LENGTH: 18
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Artificial sequence
 W--> 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: Sample oligonucleotide
 W--> 31 <400> SEQUENCE: 2
 32 gatgggactc aggttcat 18
 33 <210> SEQ ID NO: 3
 34 <211> LENGTH: 18
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Artificial sequence
 W--> 37 <220> FEATURE:
 38 <223> OTHER INFORMATION: Sample oligonucleotide
 W--> 39 <400> SEQUENCE: 3
 40 gatgggactc acgttcat 18
 41 <210> SEQ ID NO: 4
 42 <211> LENGTH: 18
 43 <212> TYPE: DNA
 44 <213> ORGANISM: Artificial sequence

see pg 6, 9

**Does Not Comply
Corrected Diskette Needed**

RAW SEQUENCE LISTING

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Input Set : A:\Sequence Listing (2) 03500.015716.1.txt

Output Set: N:\CRF4\08092006\J608804A.raw

W--> 45 <220> FEATURE:
46 <223> OTHER INFORMATION: Sample oligonucleotide

W--> 47 <400> SEQUENCE: 4
48 gatgggactc atgttcac 18
49 <210> SEQ ID NO: 5
50 <211> LENGTH: 18
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial sequence

W--> 53 <220> FEATURE:
54 <223> OTHER INFORMATION: Sample oligonucleotide

W--> 55 <400> SEQUENCE: 5
56 gatgggactc gagttcac 18
57 <210> SEQ ID NO: 6
58 <211> LENGTH: 18
59 <212> TYPE: DNA
60 <213> ORGANISM: Artificial sequence

W--> 61 <220> FEATURE:
62 <223> OTHER INFORMATION: Sample oligonucleotide

W--> 63 <400> SEQUENCE: 6
64 gatgggactc gggttcac 18
65 <210> SEQ ID NO: 7
66 <211> LENGTH: 18
67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial sequence

W--> 69 <220> FEATURE:
70 <223> OTHER INFORMATION: Sample oligonucleotide

W--> 71 <400> SEQUENCE: 7
72 gatgggactc gcgttcac 18
73 <210> SEQ ID NO: 8
74 <211> LENGTH: 18
75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial sequence

W--> 77 <220> FEATURE:
78 <223> OTHER INFORMATION: Sample oligonucleotide

W--> 79 <400> SEQUENCE: 8
80 gatgggactc gtgttcac 18
81 <210> SEQ ID NO: 9
82 <211> LENGTH: 18
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial sequence

W--> 85 <220> FEATURE:
86 <223> OTHER INFORMATION: Sample oligonucleotide

W--> 87 <400> SEQUENCE: 9
88 gatgggactc cagttcac 18
89 <210> SEQ ID NO: 10
90 <211> LENGTH: 18
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial sequence

W--> 93 <220> FEATURE:

RAW SEQUENCE LISTING

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Input Set : A:\Sequence Listing (2) 03500.015716.1.txt

Output Set: N:\CRF4\08092006\J608804A.raw

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94 <223> OTHER INFORMATION: Sample oligonucleotide
W--> 95 <400> SEQUENCE: 10
96   gatgggactc cggttcat 18
97 <210> SEQ ID NO: 11
98 <211> LENGTH: 18
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial sequence
W--> 101 <220> FEATURE:
102 <223> OTHER INFORMATION: Sample oligonucleotide
W--> 103 <400> SEQUENCE: 11
104   gatgggactc ccgttcat 18
105 <210> SEQ ID NO: 12
106 <211> LENGTH: 18
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial sequence
W--> 109 <220> FEATURE:
110 <223> OTHER INFORMATION: Sample oligonucleotide
W--> 111 <400> SEQUENCE: 12
112   gatgggactc ctgttcat 18
113 <210> SEQ ID NO: 13
114 <211> LENGTH: 18
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial sequence
W--> 117 <220> FEATURE:
118 <223> OTHER INFORMATION: Sample oligonucleotide
W--> 119 <400> SEQUENCE: 13
120   gatgggactc tagttcat 18
121 <210> SEQ ID NO: 14
122 <211> LENGTH: 18
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial sequence
W--> 125 <220> FEATURE:
126 <223> OTHER INFORMATION: Sample oligonucleotide
W--> 127 <400> SEQUENCE: 14
128   gatgggactc tggttcat 18
129 <210> SEQ ID NO: 15
130 <211> LENGTH: 18
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial sequence
W--> 133 <220> FEATURE:
134 <223> OTHER INFORMATION: Sample oligonucleotide
W--> 135 <400> SEQUENCE: 15
136   gatgggactc tcgttcat 18
137 <210> SEQ ID NO: 16
138 <211> LENGTH: 18
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial sequence
W--> 141 <220> FEATURE:
142 <223> OTHER INFORMATION: Sample oligonucleotide

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RAW SEQUENCE LISTING

DATE: 08/09/2006

PATENT APPLICATION: US/10/608,804A

TIME: 09:43:18

Input Set : A:\Sequence Listing (2) 03500.015716.1.txt

Output Set: N:\CRF4\08092006\J608804A.raw

W--> 143 <400> SEQUENCE: 16
144 gatgggactc ttgttcat 18
145 <210> SEQ ID NO: 17
146 <211> LENGTH: 18
147 <212> TYPE: DNA
148 <213> ORGANISM: Artificial sequence

W--> 149 <220> FEATURE:
150 <223> OTHER INFORMATION: Sample oligonucleotide

W--> 151 <400> SEQUENCE: 17
152 gatggggctc aagttcat 18
153 <210> SEQ ID NO: 18
154 <211> LENGTH: 18
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial sequence

W--> 157 <220> FEATURE:
158 <223> OTHER INFORMATION: Sample oligonucleotide

W--> 159 <400> SEQUENCE: 18
160 gatggggctc aggttcat 18
161 <210> SEQ ID NO: 19
162 <211> LENGTH: 18
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial sequence

W--> 165 <220> FEATURE:
166 <223> OTHER INFORMATION: Sample oligonucleotide

W--> 167 <400> SEQUENCE: 19
168 gatggggctc acgttcat 18
169 <210> SEQ ID NO: 20
170 <211> LENGTH: 18
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial sequence

W--> 173 <220> FEATURE:
174 <223> OTHER INFORMATION: Sample oligonucleotide

W--> 175 <400> SEQUENCE: 20
176 gatggggctc atgttcat 18
177 <210> SEQ ID NO: 21
178 <211> LENGTH: 18
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial sequence

W--> 181 <220> FEATURE:
182 <223> OTHER INFORMATION: Sample oligonucleotide

W--> 183 <400> SEQUENCE: 21
184 gatggggctcg agttcat 18
185 <210> SEQ ID NO: 22
186 <211> LENGTH: 18
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial sequence

W--> 189 <220> FEATURE:
190 <223> OTHER INFORMATION: Sample oligonucleotide

W--> 191 <400> SEQUENCE: 22

RAW SEQUENCE LISTING

DATE: 08/09/2006

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TIME: 09:43:18

Input Set : A:\Sequence Listing (2) 03500.015716.1.txt

Output Set : N:\CRF4\08092006\J608804A.raw

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192  gatggggctc gggttcat 18
193 <210> SEQ ID NO: 23
194 <211> LENGTH: 18
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial sequence
W--> 197 <220> FEATURE:
198 <223> OTHER INFORMATION: Sample oligonucleotide
W--> 199 <400> SEQUENCE: 23
200  gatggggctc gcgttcat 18
201 <210> SEQ ID NO: 24
202 <211> LENGTH: 18
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial sequence
W--> 205 <220> FEATURE:
206 <223> OTHER INFORMATION: Sample oligonucleotide
W--> 207 <400> SEQUENCE: 24
208  gatggggctc gtgttcat 18
209 <210> SEQ ID NO: 25
210 <211> LENGTH: 18
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial sequence
W--> 213 <220> FEATURE:
214 <223> OTHER INFORMATION: Sample oligonucleotide
W--> 215 <400> SEQUENCE: 25
216  gatggggctc cagttcat 18
217 <210> SEQ ID NO: 26
218 <211> LENGTH: 18
219 <212> TYPE: DNA
220 <213> ORGANISM: Artificial sequence
W--> 221 <220> FEATURE:
222 <223> OTHER INFORMATION: Sample oligonucleotide
W--> 223 <400> SEQUENCE: 26
224  gatggggctc cggttcat 18
225 <210> SEQ ID NO: 27
226 <211> LENGTH: 18
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial sequence
W--> 229 <220> FEATURE:
230 <223> OTHER INFORMATION: Sample oligonucleotide
W--> 231 <400> SEQUENCE: 27
232  gatggggctc ccgttcat 18
233 <210> SEQ ID NO: 28
234 <211> LENGTH: 18
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial sequence
W--> 237 <220> FEATURE:
238 <223> OTHER INFORMATION: Sample oligonucleotide
W--> 239 <400> SEQUENCE: 28
240  gatggggctc ctgttcat 18

```


RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/608,804A

DATE: 08/09/2006
TIME: 09:43:19

FYI

Input Set : A:\Sequence Listing (2) 03500.015716.1.txt
Output Set: N:\CRF4\08092006\J608804A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:65; N Pos. 7,8,12
Seq#:66; N Pos. 7,11,12

VERIFICATION SUMMARY

DATE: 08/09/2006

PATENT APPLICATION: US/10/608,804A

TIME: 09:43:19

Input Set : A:\Sequence Listing (2) 03500.015716.1.txt

Output Set: N:\CRF4\08092006\J608804A.raw

L:6 M:283 W: Missing Blank Line separator, <120> field identifier
L:7 M:283 W: Missing Blank Line separator, <130> field identifier
L:8 M:283 W: Missing Blank Line separator, <140> field identifier
L:16 M:283 W: Missing Blank Line separator, <160> field identifier
L:17 M:283 W: Missing Blank Line separator, <210> field identifier
L:21 M:283 W: Missing Blank Line separator, <220> field identifier
L:23 M:283 W: Missing Blank Line separator, <400> field identifier
L:29 M:283 W: Missing Blank Line separator, <220> field identifier
L:31 M:283 W: Missing Blank Line separator, <400> field identifier
L:37 M:283 W: Missing Blank Line separator, <220> field identifier
L:39 M:283 W: Missing Blank Line separator, <400> field identifier
L:45 M:283 W: Missing Blank Line separator, <220> field identifier
L:47 M:283 W: Missing Blank Line separator, <400> field identifier
L:53 M:283 W: Missing Blank Line separator, <220> field identifier
L:55 M:283 W: Missing Blank Line separator, <400> field identifier
L:61 M:283 W: Missing Blank Line separator, <220> field identifier
L:63 M:283 W: Missing Blank Line separator, <400> field identifier
L:69 M:283 W: Missing Blank Line separator, <220> field identifier
L:71 M:283 W: Missing Blank Line separator, <400> field identifier
L:77 M:283 W: Missing Blank Line separator, <220> field identifier
L:79 M:283 W: Missing Blank Line separator, <400> field identifier
L:85 M:283 W: Missing Blank Line separator, <220> field identifier
L:87 M:283 W: Missing Blank Line separator, <400> field identifier
L:93 M:283 W: Missing Blank Line separator, <220> field identifier
L:95 M:283 W: Missing Blank Line separator, <400> field identifier
L:101 M:283 W: Missing Blank Line separator, <220> field identifier
L:103 M:283 W: Missing Blank Line separator, <400> field identifier
L:109 M:283 W: Missing Blank Line separator, <220> field identifier
L:111 M:283 W: Missing Blank Line separator, <400> field identifier
L:117 M:283 W: Missing Blank Line separator, <220> field identifier
L:119 M:283 W: Missing Blank Line separator, <400> field identifier
L:125 M:283 W: Missing Blank Line separator, <220> field identifier
L:127 M:283 W: Missing Blank Line separator, <400> field identifier
L:133 M:283 W: Missing Blank Line separator, <220> field identifier
L:135 M:283 W: Missing Blank Line separator, <400> field identifier
L:141 M:283 W: Missing Blank Line separator, <220> field identifier
L:143 M:283 W: Missing Blank Line separator, <400> field identifier
L:149 M:283 W: Missing Blank Line separator, <220> field identifier
L:151 M:283 W: Missing Blank Line separator, <400> field identifier
L:157 M:283 W: Missing Blank Line separator, <220> field identifier
L:159 M:283 W: Missing Blank Line separator, <400> field identifier
L:165 M:283 W: Missing Blank Line separator, <220> field identifier
L:167 M:283 W: Missing Blank Line separator, <400> field identifier
L:173 M:283 W: Missing Blank Line separator, <220> field identifier
L:175 M:283 W: Missing Blank Line separator, <400> field identifier
L:181 M:283 W: Missing Blank Line separator, <220> field identifier
L:183 M:283 W: Missing Blank Line separator, <400> field identifier
L:189 M:283 W: Missing Blank Line separator, <220> field identifier

VERIFICATION SUMMARY

DATE: 08/09/2006

PATENT APPLICATION: US/10/608,804A

TIME: 09:43:19

Input Set : A:\Sequence Listing (2) 03500.015716.1.txt

Output Set: N:\CRF4\08092006\J608804A.raw

L:191 M:283 W: Missing Blank Line separator, <400> field identifier

L:197 M:283 W: Missing Blank Line separator, <220> field identifier

L:542 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0

L:556 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:0

10/608, 804A 9

<210>65

<211>18

<212>DNA

<213>Artificial sequence

<220>

<221> misc_feature

<222> (7)..(8)

<223> n is A, G, C or T

<220>

<221> misc_feature

<222> (10)..(10)

<223> n is A, G, C or T

<400>65

atgaacnnga gnpccatc 18

<210>66

<211>18

<212>DNA

<213>Artificial sequence

<220>

<221> misc_feature

<222> (7)..(7)

<223> n is A, G, C or T

<220>

<221> misc_feature

<222> (11)..(12)

<223> n is A, G, C or T

<400>66

gatgggnctc nngttcat 18

needs explanation - see item 11 on
Error Summary
Sheet

(12)..(12) "a" is at location 10

see item 11 on Error Summary Sheet